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ABSTRACT

Computer based information services available to the Australian community as of June 1977 are listed and described in this directory. The main section is a subject list providing information on 81 data bases, 20 of which are presently operating in Australia. The list is divided into 19 broad subject categories with a brief description, name, year begun, number of citations, availability, and publication information for each data base. American data bases are included. Additional sections include a directory of organizations providing access to data bases in Australia; an index to the subject list; and a list of information bulletins available from the Australian National Library. (Author/KP)

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DEVELOPMENT OF RESOURCE SHARING NETWORKS

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NETWORKS STUDY NO. 4

COMPUTER BASED INFORMATION SERVICES AVAILABLE TO THE PUBLIC IN AUSTRALIA

2ND EDITION

Canberra
National Library of Australia
June 1977

IR 005 918

National Library of Australia.
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(Development of resource sharing networks : networks study; no.4).
Index.
ISBN 0 642 99101 4 $2.50 Aust.

1. Information services - Australia. I. Title. (Series).

029.7

DEVELOPMENT OF RESOURCE SHARING NETWORKS

Reports already published in this series are

Interim report and surveys. 1975. 686 p. $8.50

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Networks study No. 2 - BIBDATA network : A draft proposal for an Australian national shared cataloguing system. 1976. 158 p. $3.50

Networks study No. 3 - Functional specification for a proposed industry information network. 1976. 39 p. Out of print

Networks study No. 4 - Computer based information services available to the public in Australia. 2nd edition 1977. 64p. $2.50.

Networks study No. 5 - Standards for Australian computer based services : A discussion paper. 1977. 19 p. $2.50

Networks study No. 6 - Towards an Australian industry information network. 1977. 32 p. In preparation

Copies of these reports are available, at the prices shown, from:

Sales & Subscriptions Unit
National Library of Australia
CANBERRA. ACT 2600

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INTRODUCTION

Background

The National Library has a responsibility to identify the library based information needs of the Australian community, to specify gaps, to encourage appropriate organisations to fill these gaps and to make the maximum contribution through its own extensive resources.

Following the report published in 1973 of the Scientific and Technological Information Services Enquiry Committee (STISEC), which concluded that the lack of computerised information services was a real impediment to the development of Australian industry, the availability of these services to the Australian community has increased dramatically. The National Library, Commonwealth Scientific and Industrial Research Organization, other Commonwealth agencies and departments and industrial organisations have been particularly active in this field; services are now available covering many aspects of science, technology and the social sciences. This publication, the first edition of which was published in October 1976, lists and describes the computer based information services available to the Australian community.

Subject List

The Subject List (Part I) contains information on 81 data bases, 26 of which are at present operated in Australia. The list is divided into broad subject categories with the most pertinent services shown under each category.

Organisations providing computer services in Australia

The data bases are either operated in Australia or accessible by telecommunication links to overseas data base operators. In either case, access to the data bases may be made through the institutions shown in the Subject List under "Availability". The contact points and addresses of these organisations are listed in Part II - Organisations Providing Computer Services in Australia. Further information on the data bases may also be obtained from these organisations.

Index to the Subject List

The Index (Part III) provides references to the item numbers in the Subject List for

- data base names
- data base abbreviations
- the printed publications corresponding to the data bases
- names of distributing agencies.

Direct access to data bases operated overseas

Any organisation with the necessary facilities can itself have direct access to many of the overseas data bases; the National Library will be pleased to provide advice and training in this. Most of the data bases listed are available through one or more of the following organisations.

Lockheed Information Systems
3251 Hanover Street
Palo Alto
CALIFORNIA. USA 94304

Marketing and Educational Services
Bibliographical Retrieval Services Inc.
P.O. Box 17005
Minneapolis
MINNESOTA. USA 55417

Systems Development Corporation
2500 Colorado Avenue
Santa Monica
CALIFORNIA. USA 90406

Information bulletins available from the National Library

In order to rectify another of the inadequacies in the provision of information services in Australia identified by STISEC, the National Library has pioneered the introduction of a wide range of current awareness bulletins. Many of these information bulletins are based on data bases operated by the Departments of Defence and Productivity, the Australian Atomic Energy Commission and the Commonwealth Scientific and Industrial Research Organization and are produced with their active support. Details of these bulletins are given in Part IV.

PART I

SUBJECT LIST

NO.	BROAD SUBJECT CATEGORIES	BRIEF DESCRIPTION OF DATA BASE AND ITS ORIGIN	NAME	YEAR BEGUN	NO. OF REFS TO 1.1.77
A1	AGRICULTURE incl. Food	Cataloguing and indexing data base giving world-wide coverage for agriculture - United States National Agricultural Library	AGRICOLA	1970	885000
2		World-wide coverage of the life sciences - Biosciences Information Service (BIOSIS)	BIOSIS PREVIEWS	1972	1270000
3		Bibliographic data and keyword phrases for chemistry and chemical engineering - Chemical Abstracts Service (CAS)	CA CONDENSATES (CHEMCON)	1970	2390000
4		General subject index headings and CAS Registry numbers for documents covered by CA Condensates - CAS	CA SUBJECT INDEX ALERT (CASIA)	1973	1312000
5		CAS Registry numbers, CA Index Names, molecular formulas and synonyms for chemical substances covered by CASIA	CA CHEMNAME DICTIONARY (CHEMNAME)		1300000
6		A comprehensive file of agricultural and biological information - Commonwealth Agricultural Bureaux	CAB ABSTRACTS	1973	435000

REFS PER ANNUM	AVAILABILITY						REMARKS	PRINTED PUBLICATION
	NLA		CSIRO		OTHER			
	SDI	RETRO	SDI	RETRO	SDI	RETRO		
120000		*	*	*				BIBLIOGRAPHY OF AGRICULTURE
240000	*	*	*	*				BIOLOGICAL ABSTRACTS. BIORESEARCH INDEX
390000		*	*	*				CHEMICAL ABSTRACTS
312000		*		*				CHEMICAL ABSTRACTS
300000		*		*				CHEMICAL ABSTRACTS
130000		*		*			Significant papers are abstracted while less important works are reported with bibliographic details only. ANIMAL BREEDING ABSTRACTS. APICULTURAL ABSTRACTS. DAIRY SCIENCE ABSTRACTS. FIELD CROP ABSTRACTS. FORESTRY ABSTRACTS. HELMINTHOLOGICAL ABSTRACTS. A & B. HERBAGE ABSTRACTS. HORTICULTURAL ABSTRACTS. INDEX VETERINARIUS. NUTRITION ABSTRACTS AND REVIEWS. A & B. PLANT BREEDING ABSTRACTS PROTOZOOLOGICAL ABSTRACTS. REVIEW OF APPLIED ENTOMOLOGY. A & B. REVIEW OF MEDICAL AND VETERINARY MYCOLOGY. REVIEW OF PLANT PATHOLOGY. SOILS AND FERTILIZERS. VETERINARY BULLETIN. WEED ABSTRACTS. WORLD AGRICULTURAL ECONOMICS & RURAL SOCIOLOGY ABSTRACTS.	See 'Remarks' Column

NO.	BROAD SUBJECT CATEGORIES	BRIEF DESCRIPTION OF DATA BASE AND ITS ORIGIN	NAME	YEAR BEGUN	NO. OF REFS TO 1.1.77
A7	Continued	Definitive subject, title and author guide to virtually every American dissertation accepted at an acredited institution since 1861 - Xerox University Microfilms	COMPREHENSIVE DISSERTATION ABSTRACTS	1861	550000
8		Covers current research in agriculture and related sciences sponsored or conducted by USDA research agencies, State agricultural experimental stations, State forestry schools and other cooperating State institutions - USDA Cooperative State Research Service	CRIS	1974	24000
9		Index to CSIRO research papers	CSIRO INDEX	1969	17800
10		Covers the fields of general human ecology, atmospheric studies, energy, land resources, water resources, and nutrition and health - Environmental Studies Institute	ENVIROBIB	1973	50000
11		Food science and technology abstracts - world-wide coverage - International Food Info. Service	FSTA	1969	130000
12		U.S. Government research report abstracts covering a broad range of disciplines of 240 Government agencies - U.S. National Technical Information Service	NTIS	1964	570000
13		Multi-disciplinary index to the literature of sciences and technology - Institute for Scientific Information (ISI)	SCISEARCH	1974	1466000
B1	BIOLOGY incl. Biochemistry	Cataloguing and indexing data base for agriculture. World-wide coverage - United States National Agricultural Library	AGRICOLA	1970	885000
2		Comprehensive data bases on life sciences of the seas and inland waters as well as related legal, political, and social topics	ASFA	1975	7000
3		World-wide coverage of the life sciences - Biosciences Information Service (BIOSIS)	BIOSIS PREVIEWS	1972	1270000

REFS PER ANNUM	AVAILABILITY						REMARKS	PRINTED PUBLICATION
	NLA		CSIRO		OTHER			
	SDI	RETRO	SDI	RETRO	SDI	RETRO		
39600		*		*				DISSERTATION ABSTRACTS INTERNATIONAL. AMERICAL DOCTORAL DISSERTATIONS. COMPREHENSIVE DISSERTATION INDEX
24000		*		*				
1800			*	*				CSIRO INDEX
21000		*		*				ENVIRONMENTAL PERIODICALS BIBLIOGRAPHY
18000			*					FOOD SCIENCE & TECHNOLOGY ABSTRACTS
60000		*		*	*		Also available from Department of Productivity, A.C.T.	GOVERNMENT REPORTS ANNOUNCEMENTS AND INDEX
504000	*	*		*				SCIENCE CITATION INDEX
120000		*	*	*				BIBLIOGRAPHY OF AGRICULTURE
12000		*		*				AQUATIC SCIENCES AND FISHERIES ABSTRACTS
240000	*	*	*	*				BIOLOGICAL ABSTRACTS. BIORESEARCH INDEX

NO.	BROAD SUBJECT CATEGORIES	BRIEF DESCRIPTION OF DATA BASE AND ITS ORIGIN	NAME	YEAR BEGUN	NO. OF REFS TO 1.1.77
B4	Continued	Bibliographic data and keyword phrases for chemistry and chemical engineering - Chemical Abstracts Service (CAS)	CA CONDENSATES (CHEMCON)	1970	2390000
5		General subject index headings and CAS Registry numbers for documents covered by CA Condensates - CAS	CA SUBJECT INDEX ALERT (CASIA)	1973	1312000
6		CAS Registry numbers, CA Index Names, molecular formulas and synonyms for chemical substances covered by CASIA	CA CHEMNAME DICTIONARY (CHEMNAME)		1300000
7		A comprehensive file of agricultural and biological information - Commonwealth Agricultural Bureaux	CAB ABSTRACTS	1973	435000
8		Definitive subject, title and author guide to virtually every American dissertation accepted at an acredited institution since 1861 - Xerox University Microfilms	COMPREHENSIVE DISSERTATION ABSTRACTS	1861	550000
9		Covers current research in agriculture and related sciences sponsored or conducted by USDA research agencies, State agricultural experimental stations, State forestry schools and other co-operating State institutions - USDA Cooperative State Research Service	CRIS	1974	24000
10		Covers the fields of general human ecology, atmospheric studies, energy, land resources, water resources, and nutrition and health - Environmental Studies Institute	ENVIROBIB	1973	50000
11		Complete coverage of all fields of medicine with various subsets on toxicology, cancer-research etc. - U.S. National Library of Medicine	MEDLARS/ MEDLINE	1966	2750000

REFS PER ANNUM	AVAILABILITY						REMARKS	PRINTED PUBLICATION
	NLA		CSIRO		OTHER			
	SDI	RETRO	SDI	RETRO	SDI	RETRO		
390000		*	*	*				CHEMICAL ABSTRACTS
312000		*		*				CHEMICAL ABSTRACTS
300000		*		*				CHEMICAL ABSTRACTS
130000		*		*			Significant papers are abstracted while less important works are reported with bibliographic details only	See entry A6
39600		*		*				DISSERTATION ABSTRACTS INTERNATIONAL. AMERICAN DOCTORAL DISSERTATIONS. COMPREHENSIVE DISSERTATION INDEX
24000		*		*				
21000		*		*				ENVIRONMENTAL PERIODICALS BIBLIOGRAPHY
240000	*	*			*	*	Also available from the libraries of the Australian National University, the University of N.S.W., Sydney University, Monash University, the University of Western Australia, University of Tasmania, the University of Queensland, Department of Health (A.C.T.), the University of Adelaide, Melbourne University. All the above have direct on-line access to the MEDLARS/MEDLINE data base.	INDEX MEDICUS. INTERNATICNAL NURSING INDEX. INDEX TO DENTAL LITERATURE. POPULATION SCIENCES

NO.	BROAD SUBJECT CATEGORIES	BRIEF DESCRIPTION OF DATA BASE AND ITS ORIGIN	NAME	YEAR BEGUN	NO. OF REFS TO 1.1.77
B12	Continued	U.S. Government research report abstracts covering a broad range of disciplines of 240 Government agencies - U.S. National Technical Information Service	NTIS	1964	570000
13		World-wide coverage of oceanography and marine-related literature - Oceanic Abstracts and National Oceanic and Atmospheric Administration	OCEANIC ABSTRACTS	1964	95600
14		Multi-disciplinary index to the literature of sciences and technology - Institute for Scientific Information (ISI)	SCISEARCH	1974	1466000
C1	BUSINESS AND ECONOMICS	Abstracts of periodical literature in the fields of finance, management, economics, statistics, business law and marketing - ABI Inc.	ABI/INFORM	1971	44500
2		Covers statistical publications of the U.S. Government - U.S. Congressional Information Service	ASI	1973	32200
3		Abstracts from business oriented periodicals dealing with recent events in the chemical industry - Predicasts Inc. and Chemical Abstracts Service	CIN	1970	150000
4		U.S. Congress publications - U.S. Congressional Information Service	CIS	1970	73500
5		Definitive subject, title and author guide to virtually every American dissertation accepted at an accredited institution since 1861 - Xerox University Microfilms	COMPREHENSIVE DISSERTATION ABSTRACTS	1861	550000
6		Comprehensive coverage of activities on the floor of the U.S. Congress - Capitol Services Inc.	CRECORD	1976	40000
7		U.S. Department of Defense contract awards - Frost and Sullivan Inc.	DEFENSE MARKET MEASURES SYSTEM (DMMS)	1975	80000

REFS PER ANNUM	AVAILABILITY						REMARKS	PRINTED PUBLICATION
	NLA		CSIRO		OTHER			
	SDI	RETRO	SDI	RETRO	SDI	RETRO		
60000		*		*	*		Also available from Department of Productivity, A.C.T.	GOVERNMENT REPORTS ANNOUNCEMENTS AND INDEX
7200		*		*				OCEANIC ABSTRACTS
504000	*	*		*				SCIENCE CITATION INDEX
14500		*		*				
9600		July 1977		*			Purchase of Annual Index required for non-subscriber access	AMERICAN STATISTICS INDEX
52000		*		*				CHEMICAL INDUSTRY NOTES
11000		July 1977		*				CIS INDEX
39600		*		*				DISSERTATION ABSTRACTS INTERNATIONAL. AMERICAN DOCTORAL DISSERTATIONS. COMPREHENSIVE DISSERTATION INDEX
91000		July 1977		*				
		*		*				

NO.	BROAD SUBJECT CATEGORIES	BRIEF DESCRIPTION OF DATA BASE AND ITS ORIGIN	NAME	YEAR BEGUN	NO. OF REFS TO 1.1.77
C8	Continued	Coverage of energy economics, U.S. policy and planning, research and development, resources and reserves, environmental impact, power transmission, fuel transport and storage - Environmental Information Center Inc.	ENERGYLINE	1971	10000
9		Covers the fields of general human ecology, atmospheric studies, energy, land resources, water resources, and nutrition and health - Environmental Studies Institute	ENVIROBIB	1973	50000
10		Foundations - Description of over 2500 foundations with assets exceeding $1 million - Foundation Center	FOUNDATION DIRECTORY		2500
11		Philanthropic organisations (400) and cumulation of grants records - Foundation Center	FOUNDATION GRANTS INDEX	1973	35000
12		Grants offered by U.S. Federal, State and local governments, commercial organisations, associations and private foundations - Oryx Press	GRANTS INFORMATION SYSTEM	1976	1500
13		Business news from the petroleum and energy industry - American Petroleum Institution	P/E NEWS	1975	45500
14		Current information about drug and cosmetic industries - Data Courier Inc.	PHARMACEUTICAL NEWS INDEX (PNI)	1975	15000
15		Time series and forecasts on U.S. economics, demographics, finance and production - Predicasts Inc.	PTS DOMESTIC STATISTICS (1)	1971	156000
16		Data and classification of 115000 industrial plants in the continental USA - Predicasts Inc.	PTS EIS INDUSTRIAL PLANTS (1)		117000

REFS PER ANNUM	AVAILABILITY						REMARKS	PRINTED PUBLICATION
	NLA		CSIRO		OTHER			
	SDI	RETRO	SDI	RETRO	SDI	RETRO		
4800		July 1977		*				
21000		*		*				ENVIRONMENTAL PERIODICALS BIBLIOGRAPHY
Annual Replacement		*		*				FOUNDATION DIRECTORY
10000		*		*				FOUNDATION NEWS - FOUNDATION GRANTS INDEX SECTION
Updated monthly		July 1977		*				
26000		July 1977		*			PLATTS OILGRAM NEWS SERVICE. MIDDLE EAST ECONOMIC SURVEY. PETROLEUM INTELLIGENCE WEEKLY. PETROLEUM ECONOMIST OIL DAILY.	See 'Remarks'
7200		*		*				DRUG RESEARCH REPORTS. FDC REPORTS. PMA NEWSLETTER. WASHINGTON DRUG AND DEVICE LETTER
(2)		*		*			(1) Available on trial basis up to 6 months, annual access fee or subscription to the equivalent printed publication required.	PREDICASTS STATISTICAL ABSTRACTS. PREDICASTS COMPOSITES. PREDICASTS BASEBOOK. METROCASTS.
Complete replacement quarterly (3)		*		*			(2) Domestic Statistics file contains Predicasts Statistical Abstracts, Predicasts Composites, Predicasts Basebook, and Metrocasts. Updates are as follows: Predicasts Statistical Abstracts: preliminary monthly, revised quarterly, final annually; Predicasts Composites: entire file revised quarterly; Predicasts Basebook: entire file revised	

NO.	BROAD SUBJECT CATEGORIES	BRIEF DESCRIPTION OF DATA BASE AND ITS ORIGIN	NAME	YEAR BEGUN	NO. OF REFS TO 1.1.77
C17	Continued	Concise information and reference to articles relevant to all aspects of business and economics - Predicasts Inc.	PTS F & S INDEXES (1)	1972	725000
18		Information on U.S. Public Policy and federal planning - Predicasts Inc.	PTS FEDERAL INDEX	1977	
19		Time series and forecasts on foreign economics, demographics, finance and production - Predicasts Inc.	PTS INTER-NATIONAL STATISTICS (1) (4)	1972	155000
20		Worldwide coverage of Chemical Market Abstracts and Equipment Market Abstracts - Predicasts Inc. (5)	PTS MARKET ABSTRACTS (CMA & EMA) (1)	1972	125000
21		Includes weekly records which after more complete indexing are incorporated in either PTS CMA & EMA or PTS F & S - Predicasts Inc. (6)	PTS WEEKLY		15000
22		Multi-disciplinary index covering the world's most important social science journals - Institute for Scientific Information (ISI)	SOCIAL SCISEARCH (SSCI)	1972	400000
D1	CHEMISTRY	Cataloguing and indexing data base giving world-wide coverage for agriculture - United States National Agricultural Library	AGRICOLA	1970	885000
2		World-wide coverage of the life sciences - Biosciences Information Service (BIOSIS)	BIOSIS PREVIEWS	1972	1270000
3		Bibliographic data and keyword phrases for chemistry and chemical engineering - Chemical Abstracts Service (CAS)	CA CONDENSATES (CHEMCON)	1970	2390000
4		General subject index headings and CAS Registry numbers for documents covered by CA Condensates - CAS	CA SUBJECT INDEX ALERT (CASIA)	1973	1312000
5		CAS Registry numbers, CA Index Names, molecular formulas and synonyms for chemical substances covered by CASIA	CA CHEMNAME DICTIONARY (CHEMNAME)		1300000

REFS PER ANNUM	AVAILABILITY						REMARKS	PRINTED PUBLICATION
	NLA		CSIRO		OTHER			
	SDI	RETRO	SDI	RETRO	SDI	RETRO		
150000		*		*			(2) Continued annually; Metrocasts: entire file revised quarterly.	F & S INDEXES
100000		*		*			(3) Each file update includes changes in each citation as necessary to keep industrial plant statistics data accurate and current (e.g. change of telephone number, deletion of a plant no longer in business, etc.).	FEDERAL INDEX
(4)		*		*			(4) International Statistics file, containing Worldcasts Forecast Abstracts, Worldcasts Composites, and Worldcasts Basebook. Updates are as follows: Worldcasts Forecast Abstracts; preliminary monthly, revised quarterly, final annually; Worldcasts Forecast Composites: entire file revised quarterly; Worldcasts Basebook: quarterly updates.	WORLDCASTS STATISTICAL ABSTRACTS. WORLDCASTS COMPOSITES. WORLDCASTS BASEBOOK.
36000		*		*				
2500/ week		*		*			(5) With descriptors.	
							(6) Without descriptors.	
90000	*	*		*				SOCIAL SCIENCES CITATION INDEX
120000		*	*	*				BIBLIOGRAPHY OF AGRICULTURE
240000	*	*	*	*				BIOLOGICAL ABSTRACTS. BIORESEARCH INDEX
390000		*	*	*				CHEMICAL ABSTRACTS
312000		*		*				CHEMICAL ABSTRACTS
300000		*		*				CHEMICAL ABSTRACTS

NO.	BROAD SUBECT CATEGORIES	BRIEF DESCRIPTION OF DATA BASE AND ITS ORIGIN	NAME	YEAR BEGUN	NO. OF REFS TO 1.1.77
D6	Continued	U.S. chemical and chemically related patents plus some foreign patent coverage - IFI/Plenum Data Company	CLAIMS/CHEM	1950	416000
7		Definitive subject, title, and author guide to virtually every American dissertation accepted at an acredited institution since 1861 - Xerox University Microfilms	COMPREHENSIVE DISSERTATION ABSTRACTS	1861	550000
8		Index to CSIRO research papers	CSIRO INDEX	1969	17800
9		Food science and technology abstracts - World-wide coverage - International	FSTA	1969	130000
10		International coverage of nuclear engineering and related fields. Serials, reports, articles etc. - International Atomic Energy Agency	INIS	1970	280000
11		U.S. Government research report abstracts covering a broad range of disciplines of 240 Government agencies - U.S. National Technical Information Service	NTIS	1964	570000
12		Multi-disciplinary index to the literature of sciences and technology - Institute for Scientific Information (ISI)	SCISEARCH	1974	1466000
13		Smithsonian Scientific Information Exchange - reporting papers on current and ongoing research mainly in the fields of physical sciences - Smithsonian Institution	SSIE	1974	262400
14		Scientific and technical research centres in Australia including details of current research - CSIRO	STRC	1975	1140
E1	CIVIL ENGINEERING	U.S. general, electrical and mechanical engineering patents - IFI/Plenum Data Company	CLAIMS/GEM	1975	111000
2		World-wide coverage of engineering literature - Engineering Index Inc.	COMPENDEX	1970	550000

REFS PER ANNUM	AVAILABILITY						REMARKS	PRINTED PUBLICATION
	NLA		CSIRO		OTHER			
	SDI	RETRO	SDI	RETRO	SDI	RETRO		
24000		*		*				
39600		*		*				DISSERTATION ABSTRACTS INTERNATIONAL. AMERICAN DOCTORAL DISSERTATIONS. COMPREHENSIVE DISSERTATION INDEX
1800			*	*				CSIRO INDEX
18000			*					FOOD SCIENCE & TECHNOLOGY ABSTRACTS
60000					*	*	Available from Australian Atomic Energy Commission	INIS ATOMINDEX
60000		*		*	*		Also available from Department of Productivity, A.C.T.	GOVERNMENT REPORTS ANNOUNCEMENTS AND INDEX
504000	*	*		*				SCIENCE CITATION INDEX
108000		July 1977		*				
Two yearly update				*				SCIENTIFIC & TECHNICAL RESEARCH CENTRES IN AUSTRALIA
50400		*		*				UNITERM INDEX
84000		*		*	*		Also available from Department of Productivity, A.C.T.	ENGINEERING INDEX

NO.	BROAD SUBJECT CATEGORIES	BRIEF DESCRIPTION OF DATA BASE AND ITS ORIGIN	NAME	YEAR BEGUN	NO. OF REFS TO 1.1.77
E3	Continued	Definitive subject, title and author guide to virtually every American dissertation accepted at an acredited institution since 1861 - Xerox University Microfilms	COMPREHENSIVE DISSERTATION ABSTRACTS	1861	550000
4		World-wide coverage of highway and roads research literature - International Road Research Documentation (Centre of OECD)	IRRD/OECD	1972	44000
5		U.S. Government research report abstracts covering a broad range of disciplines of 240 Government agencies - U.S. National Technical Information Service	NTIS	1964	570000
6		Multi-disciplinary index to the literature of sciences and technology - Institute for Scientific Information (ISI)	SCISEARCH	1974	1466000
F1	EARTH SCIENCES	Australian Earth Sciences Information System - covers Australian-generated published and unpublished earth sciences information papers, reports, theses, open-file reports, etc. - Australian Mineral Foundation Inc.	AESIS	1976	
2		Definitive subject, title, and author guide to virtually every American dissertation accepted at an acredited institution since 1861 - Xerox University Microfilms	COMPREHENSIVE DISSERTATION ABSTRACTS	1861	550000
3		World-wide coverage of the geo-sciences literature from the weekly publication Geotitles - Geosystems	GEO-ARCHIVE	1969	608000
4		Abstracts of geosciences literature - American Geological Institute	GEOREF	1966	291000
5		International coverage of nuclear engineering and related fields. Serials, reports, articles etc. - International Atomic Energy Agency	INIS	1970	280000

REFS PER ANNUM	AVAILABILITY						REMARKS	PRINTED PUBLICATION
	NLA		CSIRO		OTHER			
	SDI	RETRO	SDI	RETRO	SDI	RETRO		
39600		*		*				DISSERTATION ABSTRACTS INTERNATIONAL. AMERICAN DOCTORAL DISSERTATIONS. COMPREHENSIVE DISSERTATION INDEX
12000					*	*	Available from Australian Road Research Board from 1977 (Restricted Services)	TRRL LABORATORY REPORTS. TRRL SUPPLEMENTARY REPORTS. TECHNICAL PAPERS.
60000		*		*	*		Also available from Department of Productivity, A.C.T.	GOVERNMENT REPORTS ANNOUNCEMENTS AND INDEX
504000	*	*		*				SCIENCE CITATION INDEX
2000					*	*	Available from Australian Mineral Foundation Inc.	AESIS QUARTERLY
39600		*		*				DISSERTATION ABSTRACTS INTERNATIONAL. AMERICAN DOCTORAL DISSERTATIONS. COMPREHENSIVE DISSERTATION INDEX
108000			*				Trial basis from 1977	GEOTITLES
48000		July 1977		*				BIBLIOGRAPHY & INDEX OF GEOLOGY ETC.
60000					*	*	Available from Australian Atomic Energy Commission	INIS ATOMINDEX

NO.	BROAD SUBJECT CATEGORIES	BRIEF DESCRIPTION OF DATA BASE AND ITS ORIGIN	NAME	YEAR BEGUN	NO. OF REFS TO 1.1.77
F6	Continued	U.S. Government research report abstracts covering a broad range of disciplines of 240 Government agencies - U.S. National Technical Information Service	NTIS	1964	570000
7		Multi-disciplinary index to the literature of sciences and technology - Institute for Scientific Information (ISI)	SCISEARCH	1974	1466000
8		Petroleum abstracts - University of Tulsa, Oklahoma	TULSA	1965	171300
G1	EDUCATION	Abstracts of instructional and research materials in vocational and technical education - Center for Vocational Education	AIM/ARM	1967	17500
2		Definitive subject, title, and author guide to virtually every American dissertation accepted at an accredited institution since 1861 - Xerox University Microfilms	COMPREHENSIVE DISSERTATION ABSTRACTS	1861	550000
3		Complete data base on research and journals in the field of education, online thesaurus included - Educational Resources Information Center	ERIC	1966	265000
4		Literature dealing with education of handicapped children and gifted children - Council for Exceptional Children	EXCEPTIONAL CHILD EDUCATION ABSTRACTS (CEC)	1966	23500
5		Comprehensive coverage of non-print educational material - National Information Center for Educational Media	NICEM	1964	400000
6		Multi-disciplinary index covering the world's most important social science journals - Institute for Scientific Information (ISI)	SOCIAL SCISEARCH (SSCI)	1972	400000
H1	ELECTRICAL AND ELECTRONIC ENGINEERING incl. Computers	U.S. general, electrical and mechanical engineering patents - IFI/Plenum Data Company	CLAIMS/GEM	1975	111000

REFS PER ANNUM	AVAILABILITY						REMARKS	PRINTED PUBLICATION
	NLA		CSIRO		OTHER			
	SDI	RETRO	SDI	RETRO	SDI	RETRO		
60000		*		*	*		Also available from Department of Productivity, A.C.T.	GOVERNMENT REPORTS ANNOUNCEMENTS AND INDEX
504000	*	*		*				SCIENCE CITATION INDEX
18000		July 1977		*				PETROLEUM ABSTRACTS
8000		*		*			For Lockheed searching this data base was closed at the end of 1976 and all later updates have been added to the ERIC file.	ABSTRACTS OF INSTRUCTIONAL AND RESEARCH MATERIALS
39600		*		*				DISSERTATION ABSTRACTS INTERNATIONAL. AMERICAN DOCTORAL DISSERTATIONS. COMPREHENSIVE DISSERTATION INDEX
36000	*	*		*				RESOURCES IN EDUCATION. CURRENT INDEX TO JOURNALS IN EDUCATION.
8000		*		*				EXCEPTIONAL CHILD EDUCATION ABSTRACTS
		*		*				
90000	*	*		*				SOCIAL SCIENCES CITATION INDEX
50400		*		*				UNITERM INDEX

NO.	BROAD SUBJECT CATEGORIES	BRIEF DESCRIPTION OF DATA BASE AND ITS ORIGIN	NAME	YEAR BEGUN	NO. OF REFS TO 1.1.77
H2	Continued	World-wide coverage of engineering literature - Engineering Index Inc.	COMPENDEX	1970	550000
3		Definitive subject, title and author guide to virtually every American dissertation accepted at an acredited institution since 1861 - Xerox University Microfilms	COMPREHENSIVE DISSERTATION ABSTRACTS	1861	550000
4		International coverage of nuclear engineering and related fields. Serials, reports, articles etc. - International Atomic Energy Agency	INIS	1970	280000
5		World-wide coverage of control and computer engineering - Institution of Electrical Engineers	INSPEC-COMPUT	1969	360000
6		World-wide coverage of electrical and electronics engineering - Institution of Electrical Engineers	INSPEC-ELEC		
7		U.S. Government research report abstracts covering a broad range of disciplines of 240 Government agencies - U.S. National Technical Information Service	NTIS	1964	570000
8		Multi-disciplinary index to the literature of sciences and technology - Institute for Scientific Information (ISI)	SCISEARCH	1974	1466000
I1	ENERGY incl. Fuel and Propulsion	Australian Defence Science and Technology Information System. Multi-disciplinary coverage of monographs and report literature primarily of interest to defence industry - Dept. of Defence	ADSATIS	1970	92000
2		International coverage of refining literature. Includes petroleum refining, petrochemicals, air and water conservation, transportation, storage and petroleum substitutes - American Petroleum Institute	APILIT	1964	203000
3		U.S. and non-U.S. patents in the areas covered by APILIT - American Petroleum Institute	APIPAT	1964	95300

REFS PER ANNUM	AVAILABILITY						REMARKS	PRINTED PUBLICATION
	NLA		CSIRO		OTHER			
	SDI	RETRO	SDI	RETRO	SDI	RETRO		
84000		*		*	*		Also available from Department of Productivity, A.C.T.	ENGINEERING INDEX
39600		*		*				DISSERTATION ABSTRACTS INTERNATIONAL. AMERICAN DOCTORAL DISSERTATIONS. COMPREHENSIVE DISSERTATION INDEX
60000					*	*	Available from Australian Atomic Energy Commission	INIS ATOMINDEX
10800		*	*	*				COMPUTER AND CONTROL ABSTRACTS
								ELECTRICAL & ELECTRONICS ABSTRACTS
60000		*		*	*		Also available from Department of Productivity, A.C.T.	GOVERNMENT REPORTS ANNOUNCEMENTS AND INDEX
504000	*	*		*				SCIENCE CITATION INDEX
12000					*	*	Available from Department of Defence	
18000		July 1977		*			Available to subscribers only	ABSTRACTS OF PETROLEUM REFINING AND PETROCHEMICALS LITERATURE
8400		July 1977		*			Available to subscribers only	API PATENT ALERT

NO.	BROAD SUBJECT CATEGORIES	BRIEF DESCRIPTION OF DATA BASE AND ITS ORIGIN	NAME	YEAR BEGUN	NO. OF REFS TO 1.1.77
I4	Continued	World-wide coverage of engineering literature - Engineering Index Inc.	COMPENDEX	1970	550000
5		Coverage of energy economics, U.S. policy and planning, research and development, resources and reserves, environmental impact, power transmission, fuel transport and storage - Environmental Information Center Inc.	ENERGYLINE	1971	10000
6		World-wide coverage of physics incl. an on-line thesaurus - Institution of Electrical Engineers	INSPEC/PHYSICS	1969	548900
7		U.S. Government research report abstracts covering a broad range of disciplines of 240 Government agencies - U.S. National Technical Information Service	NTIS	1964	570000
8		Business news from the petroleum and energy industry - American Petroleum Institution	P/E NEWS	1975	45500
9		Multi-disciplinary index to the literature of sciences and technology - Institute for Scientific Information (ISI)	SCISEARCH	1974	1466000
10		Petroleum abstracts - University of Tulsa, Oklahoma	TULSA	1965	171300
J1	ENVIRONMENT incl. Pollution	Covers the field of air pollution in the broadest sense, including the social, political, legal and administrative aspects of the field	APTIC	1966	82000
2		Comprehensive data base on life sciences of the seas and inland waters as well as related legal, political, and social topics	ASFA	1975	7000
3		World-wide coverage of the life sciences - Biosciences Information Service (BIOSIS)	BIOSIS PREVIEWS	1972	1270000
4		Bibliographic data and keyword phrases for chemistry and chemical engineering - Chemical Abstracts Service (CAS)	CA CONDENSATES (CHEMCON)	1970	2390000
5		General subject index headings and CAS Registry numbers for documents covered by CA Condensates - CAS	CA SUBJECT INDEX ALERT (CASIA)	1973	1312000

REFS PER ANNUM	AVAILABILITY						REMARKS	PRINTED PUBLICATION
	NLA		CSIRO		OTHER			
	SDI	RETRO	SDI	RETRO	SDI	RETRO		
84000		*		*	*		Also available from Department of Productivity, A.C.T.	ENGINEERING INDEX
4800		July 1977		*				
85000		*	*	*				PHYSICS ABSTRACTS
60000		*		*	*		Also available from Department of Productivity, A.C.T.	GOVERNMENT REPORTS ANNOUNCEMENTS AND INDEX
26000		July 1977		*			PLATTS OILGRAM NEWS SERVICE. MIDDLE EAST ECONOMIC SURVEY. PETROLEUM INTELLIGENCE WEEKLY. PETROLEUM ECONOMIST. OIL DAILY.	See 'Remarks'
504000	*	*		*				SCIENCE CITATION INDEX
18000		July 1977		*				PETROLEUM ABSTRACTS
3600		*		*				AIR POLLUTION ABSTRACTS
12000		*		*				AQUATIC SCIENCES AND FISHERIES ABSTRACTS
240000	*	*	*	*				BIOLOGICAL ABSTRACTS. BIORESEARCH INDEX
390000		*	*	*				CHEMICAL ABSTRACTS
312000		*		*				CHEMICAL ABSTRACTS

NO.	BROAD SUBJECT CATEGORIES	BRIEF DESCRIPTION OF DATA BASE AND ITS ORIGIN	NAME	YEAR BEGUN	NO. OF REFS TO 1.1.77
J6	Continued	CAS Registry numbers, CA Index names, molecular formulas and synonyms for chemical substances covered by CASIA	CA CHEMNAME DICTIONARY (CHEMNAME)		1300000
7		Definitive subject, title, and author guide to virtually every American dissertation accepted at an acredited institution since 1861 - Xerox University Microfilms	COMPREHENSIVE DISSERTATION ABSTRACTS	1861	550000
8		Covers current research in agriculture and related sciences sponsored or conducted by USDA research agencies, State agricultural experimental stations, State forestry schools and other cooperating State institutions - USDA Cooperative State Research Service	CRIS	1974	24000
9		Coverage of energy economics, U.S. policy and planning, research and development, resources and reserves, environmental impact, power transmission, fuel transport and storage - Environmental Information Center Inc.	ENERGYLINE	1971	10000
10		Covers the fields of general human ecology, atmospheric studies, energy, land resources, water resources, and nutrition and health - Environmental Studies Institute	ENVIROBIB	1973	50000
11		Wide coverage of air pollution, chemical contaminants, and environmental problems generally - Environment Information Center (EIC)	ENVIROLINE	1971	72000
12		International coverage of nuclear engineering and related fields. Serials, articles, reports - International Atomic Energy Agency	INIS	1970	280000
13		Coverage of meteorology astrophysics, physical oceanography - American Meteorological Society and National Oceanic and Atmospheric Administration	MGA	1972	34200
14		U.S. Government research reports abstracts covering a broad range of disciplines of 240 U.S. Government agencies - U.S. National Technical Information Service	NTIS	1964	570000

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REFS PER ANNUM	AVAILABILITY						REMARKS	PRINTED PUBLICATION
	NLA		CSIRO		OTHER			
	SDI	RETRO	SDI	RETRO	SDI	RETRO		
300000		*		*				CHEMICAL ABSTRACTS
39600		*		*				DISSERTATION ABSTRACTS INTERNATIONAL. AMERICAN DOCTORAL DISSERTATIONS. COMPREHENSIVE DISSERTATION INDEX
24000		*		*				
4800		July 1977		*				
21000		*		*				ENVIRONMENTAL PERIODICALS BIBLIOGRAPHY
12000		*		*				ENVIRONMENT ABSTRACTS
60000					*	*	Available from Australian Atomic Energy Commission	INIS ATOMINDEX
7200		*		*				METEOROLOGICAL & GEOASTROPHYSICAL ABSTRACTS
60000		*		*	*		Also available from Department of Productivity, A.C.T.	GOVERNMENT REPORTS ANNOUNCEMENTS AND INDEX

NO.	BROAD SUBJECT CATEGORIES	BRIEF DESCRIPTION OF DATA BASE AND ITS ORIGIN	NAME	YEAR BEGUN	NO. OF REFS TO 1.1.77
J15	Continued	World-wide coverage of oceanography and marine-related literature - Oceanic Abstracts and National Oceanic and Atmospheric Administration	OCEANIC ABSTRACTS	1964	95600
16		Pollution and environmental literature abstracts - Pollution Abstracts Inc.	POLLUTION ABSTRACTS	1970	45000
17		Multi-disciplinary index to the literature of sciences and technology. Institute for Scientific Information (ISI)	SCISEARCH	1974	1466000
18		World-wide coverage of water resources literature and related areas - U.S. Water Resources Scientific Information Center	SWRA	1967	162000
19		Toxicology information, comprehensive for most chemicals - ICI Australia Ltd.	TOXICOLOGY		
K1	LIBRARY AND INFORMATION SCIENCE	Provides MARC records for monographs derived from Library of Congress MARC, UK MARC and AUSMARC files - National Library of Australia	AMRS	1968	1000000
2		Includes most of the material catalogued by the Library of Congress from 1965 to date. Includes a wide range of foreign-language and audiovisual material - Information Dynamics Corporation	LIBCON /E and /F and /S	1965	1200000
3		Covers the broad field of library and information science, as well as such related topics as publishing, bookselling, reading and reprography - Learned Info. (Europe) Ltd.	LISA	1969	20000
4		U.S. Government research report abstracts covering a broad range of disciplines of 240 Government agencies - U.S. National Technical Information Service	NTIS	1964	570000
5		Multi-disciplinary index covering the world's most important social science journals - Institute for Scientific Information (ISI)	SOCIAL SCISEARCH (SSCI)	1972	400000

REFS PER ANNUM	AVAILABILITY						REMARKS	PRINTED PUBLICATION
	NLA		CSIRO		OTHER			
	SDI	RETRO	SDI	RETRO	SDI	RETRO		
7200		*		*				OCEANIC ABSTRACTS
6000		*		*				POLLUTION ABSTRACTS
504000	*	*		*				SCIENCE CITATION INDEX
12000			*	*				SELECTED WATER RESOURCES ABSTRACTS
						*	Available from ICI Australia Ltd.	
208000		*					Through Australian Marc Record Service	AUSTRALIAN NATIONAL BIBLIOGRAPHY. BRITISH NATIONAL BIBLIOGRAPHY. NATIONAL UNION CATALOG (LIBRARY OF CONGRESS)
312000		July 1977		*				
4500		*		*			Available late 1977	LIBRARY AND INFORMATION SCIENCE ABSTRACTS
60000		*		*	*		Also available from Department of Productivity, A.C.T.	GOVERNMENT REPORTS ANNOUNCEMENTS AND INDEX
90000	*	*		*				SOCIAL SCIENCES CITATION INDEX

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NO.	BROAD SUBJECT CATEGORIES	BRIEF DESCRIPTION OF DATA BASE AND ITS ORIGIN	NAME	YEAR BEGUN	NO. OF REFS TO 1.1.77
L1	MEDICINE incl. Pharmacology and Psychology	World-wide coverage of the life sciences - Biosciences Information Service (BIOSIS)	BIOSIS PREVIEWS	1972	1270000
2		English language material on research and service programmes in the U.S. - National Center for Child Abuse and Neglect (NCCAN)	CHILD ABUSE AND NEGLECT		3500
3		Definitive subject, title and author guide to virtually every American dissertation accepted at an acredited institution since 1861 - Xerox University Microfilms	COMPREHENSIVE DISSERTATION ABSTRACTS	1861	550000
4		Complete coverage of all fields of medicine with various subsets on toxicology, cancer-research etc. - U.S. National Library of Medicine	MEDLARS/ MEDLINE	1966	2750000
5		U.S. Government research report abstracts covering a broad range of disciplines of 240 Government agencies - U.S. National Technical Information Service	NTIS	1964	570000
6		Current information about drug and cosmetic industries - Data Courier Inc.	PHARMACEUTICAL NEWS INDEX (PNI)	1975	15000
7		Coverage of the world literature in psychology and other behavioural sciences, including an online thesaurus - American Psychological Association	PSYCHOLOGICAL ABSTRACTS (PA)	1967	250000
8		Patent literature in the field of pharmacology - Derwent Publications Inc.	RINGDOC	1964	467000

REFS PER ANNUM	AVAILABILITY						REMARKS	PRINTED PUBLICATION
	NLA		CSIRO		OTHER			
	SDI	RETRO	SDI	RETRO	SDI	RETRO		
240000	*	*	*	*				BIOLOGICAL ABSTRACTS. BIORESEARCH INDEX
800		*		*				
39600		*		*				DISSERTATION ABSTRACTS INTERNATIONAL. AMERICAN DOCTORAL DISSERTATIONS. COMPREHENSIVE DISSERTATION INDEX
240000	*	*			*	*	Also available from the libraries of the Australian National University, the University of N.S.W., Sydney University, Monash University, the University of Western Australia, the University of Tasmania, University of Queensland, Department of Health (A.C.T.), University of Adelaide, and Melbourne University. The above all have direct on-line access to the MEDLARS data base.	INDEX MEDICUS. INTERNATIONAL NURSING INDEX. INDEX TO DENTAL LITERATURE. POPULATION SCIENCES.
60000		*		*	*		Also available from Department of Productivity, A.C.T.	GOVERNMENT REPORTS ANNOUNCEMENTS AND INDEX
7200		*		*				DRUG RESEARCH REPORTS. FDC REPORTS. PMA NEWSLETTER. WASHINGTON DRUG AND DEVICE LETTER
24000		*		*				PSYCHOLOGICAL ABSTRACTS.
120000		July 1977		*				MEDDOC

NO.	BROAD SUBJECT CATEGORIES	BRIEF DESCRIPTION OF DATA BASE AND ITS ORIGIN	NAME	YEAR BEGUN	NO. OF REFS TO 1.1.77
L9	Continued	Multi-disciplinary index to the literature of sciences and technology - Institute for Scientific Information (ISI)	SCISEARCH	1974	1466000
10		Multi-disciplinary index covering the world's most important social science journals - Institute for Scientific Information (ISI)	SOCIAL SCISEARCH (SSCI)	1972	400000
M1	MECHANICAL ENGINEERING	Australian Defence Science and Technology Information System. Multi-disciplinary coverage of monographs and report literature primarily of interest to defence industry - Dept. of Defence	ADSATIS	1970	92000
2		U.S. general, electrical and mechanical engineering patents - IFI/Plenum Data Company	CLAIMS/GEM	1975	111000
3		World-wide coverage of engineering literature - Engineering Index Inc.	COMPENDEX	1970	550000
4		Definitive subject, title and author guide to virtually every American dissertation accepted at an acredited institution since 1861 - Xerox University Microfilms	COMPREHENSIVE DISSERTATION ABSTRACTS	1861	550000
5		International coverage of nuclear engineering and related fields. Serials, reports, articles etc. - International Atomic Energy Agency	INIS	1970	280000
6		Information service in mechanical engineering and engineering management - Institution of Electrical Engineers	ISMEC	1973	59400
7		U.S. Government research report abstracts covering a broad range of disciplines of 240 Government agencies - U.S. National Technical Information Service	NTIS	1964	570000
8		Multi-disciplinary index to the literature of sciences and technology - Institute for Scientific Information (ISI)	SCISEARCH	1974	1466000

REFS PER ANNUM	AVAILABILITY						REMARKS	PRINTED PUBLICATION
	NLA		CSIRO		OTHER			
	SDI	RETRO	SDI	RETRO	SDI	RETRO		
504000	*	*		*				SCIENCE CITATION INDEX
90000	*	*		*				SOCIAL SCIENCES CITATION INDEX
12000					*	*	Available from Department of Defence	
50400		*		*				UNITERM INDEX
84000		*		*	*		Also available from Department of Productivity, A.C.T.	ENGINEERING INDEX
39600		*		*				DISSERTATION ABSTRACTS INTERNATIONAL. AMERICAN DOCTORAL DISSERTATIONS. COMPREHENSIVE DISSERTATION INDEX
60000					*	*	Available from Australian Atomic Energy Commission	INIS ATOMINDEX
16800		*		*				ISMEC BULLETIN
60000		*		*	*		Also available from Department of Productivity, A.C.T.	GOVERNMENT REPORTS ANNOUNCEMENTS AND INDEX
504000	*	*		*				SCIENCE CITATION INDEX

NO.	BROAD SUBJECT CATEGORIES	BRIEF DESCRIPTION OF DATA BASE AND ITS ORIGIN	NAME	YEAR BEGUN	NO. OF REFS TO 1.1.77
N1	METALS incl. Metal Fabrication	Australian Defence Science and Technology Information System. Multi-disciplinary coverage of monographs and report literature primarily of interest to defence industry - Dept. of Defence	ADSATIS	1970	92000
2		World-wide coverage of engineering literature - Engineering Index Inc.	COMPENDEX	1970	550000
3		Definitive subject, title and author guide to virtually every American dissertation accepted at an acredited institution since 1861 - Xerox University Microfilms	COMPREHENSIVE DISSERTATION ABSTRACTS	1861	550000
4		Index to CSIRO research papers	CSIRO INDEX	1969	17800
5		World-wide metallurgical literature including Metals Abstracts Index and Alloys Index. An online thesaurus is provided - American Society of Metals	METADEX	1966	284000
6		Multi-disciplinary index to the literature of sciences and technology - Institute for Scientific Information (ISI)	SCISEARCH	1974	1466000
7		Technical literature on aluminium, ranging from ore processing to end use - American Society of Metals	WORLD ALUMINIUM ABSTRACTS (WAA)	1968	50200
01	PAPER, PRINTING, PACKAGING	World-wide coverage of engineering literature - Engineering Index Inc.	COMPENDEX	1970	550000
2		World-wide coverage of forestry and wood products, pulp & paper manufacture, printing & packaging, environmental & energy aspects - Institute of Paper Chemistry	IPC ABSTRACTS	1972	57500
3		Multi-disciplinary index to the literature of sciences and technology - Institute for Scientific Information (ISI)	SCISEARCH	1974	1466000
P1	PATENTS	U.S. and non-U.S. patents in the areas covered by APILIT - American Petroleum Institute	APIPAT	1964	95300

REFS PER ANNUM	AVAILABILITY						REMARKS	PRINTED PUBLICATION
	NLA		CSIRO		OTHER			
	SDI	RETRO	SDI	RETRO	SDI	RETRO		
12000					*	*	Available from Department Defence	
84000		*		*	*		Also available from Department of Productivity, A.C.T.	ENGINEERING INDEX
39600		*		*				DISSERTATION ABSTRACTS INTERNATIONAL. AMERICAN DOCTORAL DISSERTATIONS. COMPREHENSIVE DISSERTATION INDEX
1800			*	*				CSIRO INDEX
24000		*		*	*		Also available from Department of Productivity, A.C.T.	METALS ABSTRACTS ALLOYS INDEX
504000	*	*		*				SCIENCE CITATION INDEX
7200		*		*				WORLD ALUMINIUM ABSTRACTS
84000		*		*	*		Also available from Department of Productivity, A.C.T.	ENGINEERING INDEX
13200		July 1977		*	*	*	Also available from Australian Paper Manufacturers	IPC. ABSTRACT BULLETIN
504000	*	*		*				SCIENCE CITATION INDEX
8400		July 1977		*			Available to subscribers only See entry I2.	API PATENT ALERT

NO.	BROAD SUBJECT CATEGORIES	BRIEF DESCRIPTION OF DATA BASE AND ITS ORIGIN	NAME	YEAR BEGUN	NO. OF REFS TO 1.1.77
P2	Continued	Covers all chemical and chemical engineering patents received by CAS from 1972 to present - CAS	CA PATENT CONCORDANCE	1972	75000
3		U.S. chemical and chemically related patents plus some foreign patent coverage - IFI/Plenum Data Company	CLAIMS/CHEM	1950	416000
4		A classification code and title dictionary for all classes and selected subclasses of the U.S. Patent Classification system - IFI/Plenum Data Company	CLAIMS/CLASS		15000
5		U.S. general, electrical and mechanical engineering patents - IFI/Plenum Data Company	CLAIMS/GEM	1975	111000
6		Patent literature in the field of pharmacology - Derwent Publications Inc.	RINGDOC	1964	467000
7		World-wide patent information - Derwent Publications Inc.	WPI	1963	1000000
Q1	PHYSICS	World-wide coverage of engineering literature - Engineering Index Inc.	COMPENDEX	1970	550000
2		Definitive subject, title and author guide to virtually every American dissertation accepted at an acredited institution since 1861 - Xerox University Microfilms	COMPREHENSIVE DISSERTATION ABSTRACTS	1861	550000
3		Index to CSIRO research papers	CSIRO INDEX	1969	17800
4		International coverage of nuclear engineering and related fields. Serials, reports, articles etc. - International Atomic Energy Agency	INIS	1970	280000
5		World-wide coverage of physics incl. an on-line thesaurus - Institution of Electrical Engineers	INSPEC/ PHYSICS	1969	548900

REFS PER ANNUM	AVAILABILITY						REMARKS	PRINTED PUBLICATION
	NLA		CSIRO		OTHER			
	SDI	RETRO	SDI	RETRO	SDI	RETRO		
40000		*		*			See entries D3, D4 and D5	CHEMICAL ABSTRACTS
24000		*		*				UNITERM INDEX
		*		*				
50400		*		*				UNITERM INDEX
120000		July 1977		*				RINGDOC
260000		July 1977		*			Available only to Derwent subscribers	CENTRAL PATENTS INDEX. WORLD PATENTS INDEX. PATENTS ABSTRACTS PUBLICATIONS. RINGDOC. PESTDOC. VETDOC.
84000		*		*	*		Also available from Department of Productivity, A.C.T.	ENGINEERING INDEX
39600		*		*				DISSERTATION ABSTRACTS INTERNATIONAL. AMERICAN DOCTORAL DISSERTATIONS. COMPREHENSIVE DISSERTATION INDEX
1800			*	*				CSIRO INDEX
60000					*	*	Available from Australian Atomic Energy Commission	INIS ATOMINDEX
85000		*	*	*				PHYSICS ABSTRACTS

NO.	BROAD SUBJECT CATEGORIES	BRIEF DESCRIPTION OF DATA BASE AND ITS ORIGIN	NAME	YEAR BEGUN	NO. OF REFS TO 1.1.77
Q6	Continued	Coverage of meteorology astrophysics, physical oceanography - American Meteorological Society and National Oceanic and Atmospheric Administration	MGA	1972	34200
7		U.S. Government research report abstracts covering a broad range of disciplines of 240 Government agencies - U.S. National Technical Information Service	NTIS	1964	570000
8		Multi-disciplinary index to the literature of sciences and technology - Institute for Scientific Information (ISI)	SCISEARCH	1974	1466000
R1	SOCIAL SCIENCES	Abstracts of periodical literature in the fields of finance, management, economics, statistics, business law and marketing - ABI Inc.	ABI/INFORM	1971	44500
2		Cataloguing and indexing data base with world-wide coverage for agriculture - United States National Agricultural Library	AGRICOLA	1970	885000
3		Abstracts of instructional and research materials in vocational and technical education - Center for Vocational Education	AIM/ARM	1967	17500
4		Covers the full range of U.S. and Canadian history, area studies and current affairs - ABC - Clio Inc.	AMERICA: HISTORY AND LIFE (AHL)	1964	40000
5		Provides MARC records for monographs derived from Library of Congress MARC, UK MARC and AUSMARC files - National Library of Australia	AMRS	1968	1000000
6		Covers the field of air pollution in the broadest sense, including the social, political, legal and administrative aspects of the field	APTIC	1966	82000
7		References to modern art and design literature in books, dissertations, periodicals and catalogues - ABC - Clio Inc.	ART BIBLIOGRAPHIES MODERN	1974	21000

REFS PER ANNUM	AVAILABILITY						REMARKS	PRINTED PUBLICATION
	NLA		CSIRO		OTHER			
	SDI	RETRO	SDI	RETRO	SDI	RETRO		
7200		*		*				METEOROLOGICAL & GEOASTRO-PHYSICAL ABSTRACTS
60000		*		*	*		Also available from Department of Productivity, A.C.T.	GOVERNMENT REPORTS ANNOUNCEMENTS AND INDEX
504000	*	*		*				SCIENCE CITATION INDEX
14500		*		*				
120000		*	*	*				BIBLIOGRAPHY OF AGRICULTURE
8000		*		*			For Lockheed searching this data base was closed at the end of 1976 and all later updates have been added to the ERIC file	ABSTRACTS OF INSTRUCTIONAL AND RESEARCH MATERIALS
11000		*		*				AMERICA: HISTORY AND LIFE, Parts A, B and C
208000		*					Through Australian Marc Record Service	AUSTRALIAN NATIONAL BIBLIOGRAPHY. BRITISH NATIONAL BIBLIOGRAPHY. NATIONAL UNION CATALOG (LIBRARY OF CONGRESS)
3600		*		*				AIR POLLUTION ABSTRACTS
		*		*			Expected to be available through Lockheed early 1977	

NO.	BROAD SUBJECT CATEGORIES	BRIEF DESCRIPTION OF DATA BASE AND ITS ORIGIN	NAME	YEAR BEGUN	NO. OF REFS TO 1.1.77
R8	Continued	English language material on research and service programmes in the U.S. - National Center for Child Abuse and Neglect (NCCAN)	CHILD ABUSE AND NEGLECT		3500
9		Definitive subject, title and author guide to virtually every American dissertation accepted at an acredited institution since 1861 - Xerox University Microfilms	COMPREHENSIVE DISSERTATION ABSTRACTS	1861	550000
10		Comprehensive coverage of activities on the floor of the U.S. Congress - Capitol Services Inc.	CRECORD	1976	40000
11		Covers current research in agriculture and related sciences sponsored or conducted by USDA research agencies, State agricultural experimental stations, State forestry schools and other cooperating State institutions - USDA Cooperative State Research Service	CRIS	1974	24000
12		Covers the fields of general human ecology, atmospheric studies, energy, land resources, water resources and nutrition and health - Environmental Studies Institute	ENVIROBIB	1973	50000
13		Wide coverage of air pollution, chemical contaminants, and environmental problems generally - Environment Information Center (EIC)	ENVIROLINE	1971	7200
14		Complete data base on research and journals in the field of education, online thesaurus included - Educational Resources Information Center	ERIC	1966	265000
15		Literature dealing with education of handicapped children and gifted children - Council for Exceptional Children	EXCEPTIONAL CHILD EDUCATION ABSTRACTS (CEC)	1966	23500
16		Foundations - Description of over 2500 foundations with assets exceeding $1 million - Foundation Center	FOUNDATION DIRECTORY		2500

REFS PER ANNUM	AVAILABILITY						REMARKS	PRINTED PUBLICATION
	NLA		CSIRO		OTHER			
	SDI	RETRO	SDI	RETRO	SDI	RETRO		
800		*		*				
39600		*		*				DISSERTATION ABSTRACTS INTERNATIONAL. AMERICAN DOCTORAL DISSERTATIONS. COMPREHENSIVE DISSERTATION INDEX
91000		July 1977		*				
24000		*		*				
21000		*		*				ENVIRONMENTAL PERIODICALS BIBLIOGRAPHY
12000		*		*				ENVIRONMENT ABSTRACTS
36000	*	*		*				RESOURCES IN EDUCATION. CURRENT INDEX TO JOURNALS IN EDUCATION
8000		*		*				EXCEPTIONAL CHILD EDUCATION ABSTRACTS
Annual replace-ment		*		*				FOUNDATION DIRECTORY

NO.	BROAD SUBJECT CATEGORIES	BRIEF DESCRIPTION OF DATA BASE AND ITS ORIGIN	NAME	YEAR BEGUN	NO. OF REFS TO 1.1.77
R17	Continued	Philanthropic organisations (400) and cumulation of grants records - Foundation Center	FOUNDATION GRANTS INDEX	1973	35000
18		Covers the history of the world from 1450 to the present, excluding the U.S. and Canada - American Bibliographical Center	HISTORICAL ABSTRACTS	1973	35000
19		Selective access to the world's literature on language and language behaviour - Sociological Abstracts Inc.	LANGUAGE AND LANGUAGE BEHAVIOUR ABSTRACTS (LLBA)	1973	20000
20		Includes most of the material catalogued by the Library of Congress from 1965 to date. Includes a wide range of foreign-language and audio-visual material - Information Dynamics Corporation	LIBCON /E and /F and /S	1965	1200000
21		Covers the broad field of library and information science, as well as such related topics as publishing, bookselling, reading and reprography - Learned Info.(Europe) Ltd.	LISA	1969	20000
22		Complete coverage of all fields of medicine with various subsets on toxicology, cancer-research etc. - U.S. National Library of Medicine	MEDLARS/ MEDLINE	1966	2750000
23		Comprehensive coverage of non-print educational material - National Information Center for Educational Media	NICEM	1964	400000
24		U.S. Government research report abstracts covering a broad range of disciplines of 240 Government agencies - U.S. National Technical Information Service	NTIS	1964	570000

REFS PER ANNUM	AVAILABILITY						REMARKS	PRINTED PUBLICATION
	NLA		CSIRO		OTHER			
	SDI	RETRO	SDI	RETRO	SDI	RETRO		
10000		*		*				FOUNDATION NEWS - FOUNDATION GRANTS INDEX SECTION
7500		*		*				HISTORICAL ABSTRACTS, Parts A and B
5000		*		*				
312000		July 1977		*				
4500		*		*				LIBRARY AND INFORMATION SCIENCE ABSTRACTS
240000	*	*			*	*	Also available from the libraries of the Australian National University, the University of N.S.W., Sydney University, Monash University, the University of Western Australia, the University of Tasmania, University of Queensland, Department of Health (A.C.T.), University of Adelaide and Melbourne University. The above all have direct on-line access to the MEDLARS/MEDLINE data base.	INDEX MEDICUS. INTERNATIONAL NURSING INDEX. INDEX TO DENTAL LITERATURE. POPULATION SCIENCES.
		*		*				
60000		*		*	*		Also available from Department of Productivity, A.C.T.	GOVERNMENT REPORTS ANNOUNCEMENTS AND INDEX

NO.	BROAD SUBJECT CATEGORIES	BRIEF DESCRIPTION OF DATA BASE AND ITS ORIGIN	NAME	YEAR BEGUN	NO. OF REFS TO 1.1.77
R25	Continued	Coverage of world literature in psychology and other behavioural sciences, including an online thesaurus - American Psychological Association	PSYCHOLOGICAL ABSTRACTS (PA)	1967	250000
26		In-depth coverage of sociology and related social science areas - Sociological Abstracts, Inc.	SOCABS	1963	75000
27		Multi-disciplinary index covering the world's most important social science journals - Institute for Scientific Information (ISI)	SOCIAL SCISEARCH (SSCI)	1972	400000
S1	TRANSPORT	World-wide coverage of highway and roads research literature - International Road Research Documentation (Centre of OECD)	IRRD/OECD	1972	44000
2		U.S. Government research report abstracts covering a broad range of disciplines of 240 Government agencies - U.S. National Technical Information Service	NTIS	1964	570000
	LATE ADDITIONS				
		Thermodata is a computer bank of basic thermodynamic values for over 3000 chemical substances and includes a set of computer programs to carry out thermodynamic calculations FILER Data bank creation, searching and indexing REACT Equilibrium and heat balances for reactions SYSTEM Stability diagrams for chemical systems CHEMIX Equilibrium and heat balances for complex non-idea systems. Thermodata provides a readily accessible source of critically-assessed, up-to date and self-consistent numerical thermodynamic data on compounds and dilute solutions. Also, a facility to use this data to predict the net products of chemical and metallurgical processes, as well as their yeilds, concentrations and accompanying energy changes.	THERMODATA		

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REFS PER ANNUM	AVAILABILITY						REMARKS	PRINTED PUBLICATION
	NLA		CSIRO		OTHER			
	SDI	RETRO	SDI	RETRO	SDI	RETRO		
24000		*		*				PSYCHOLOGICAL ABSTRACTS.
8000		*		*				SOCIOLOGICAL ABSTRACTS
90000	*	*		*				SOCIAL SCIENCES CITATION INDEX
12000					*	*	Available from Australian Road Research Board from 1977 (Restricted Services)	TRRL LABORATORY REPORTS. TRRL SUPPLEMENTARY REPORTS. TECHNICAL PAPERS
60000		*		*	*	*	Also available from Department of Productivity, A.C.T.	GOVERNMENT REPORTS ANNOUNCEMENTS AND INDEX
							Thermodata is incorporated in the CSIRO CYBER computer and is available either through access to one of the 44 CSIRONET centres in Australia. An access code, program user guide and indexes to the data bank are available on request. Or by request for service to the CSIRO address listed elsewhere in this directory. Services may be by mail, telex or telephone.	

PART II

ORGANISATIONS PROVIDING COMPUTER SERVICES IN AUSTRALIA

NLA

Science and Technology -

Director Science
ANSTEL
National Library of Australia
CANBERRA. ACT 2600
Telephone: (062) 62 1525

or

Social Sciences -

Principal Librarian
Social Sciences Information Services
National Library of Australia
CANBERRA. ACT 2600
Telephone: (062) 62 1606

or

Australian MARC Record Service
National Library of Australia
CANBERRA. ACT 2600
Telephone: (062) 62 1216

CSIRO

Mr Clyde Garrow
Manager, Information Services, CSIRO
P.O. Box 89
EAST MELBOURNE. VIC 3002
Telephone: (03) 419 1333

or

Mrs Yvonne Esplin
Regional Information Officer, C/o CSIRO
175-183 Liverpool Street
SYDNEY. NSW 2000
Telephone: (02) 211 3400

Services offered by the following organisations are noted in the 'Other' column of the Subject List.

AAEC
Australian Atomic
Energy Commission

Mr W. Neale
Head Librarian
AAEC Research Establishment
Private Mail Bag
SUTHERLAND. NSW 2232
Telephone: (02) 531 3259

AMF
Australian Mineral
Foundation

Director
Australian Mineral Foundation
P.O. Box 97
GLENSIDE. SA 5065
Telephone: (08) 79 7821

APM Australian Paper Manufacturers Ltd.	Mr R.D. Williamson Superintendent Information Systems Australian Paper Manufacturers Ltd. G.P.O. Box 1643 N MELBOURNE. VIC 3001 Telephone: (03) 62 0171
ARRB Australian Road Research Board	Dr M.G. Lay Executive Director Australian Road Research Board Private Bag No. 4 P.O. Box 156 NUNAWADING. VIC 3131 Telephone: (03) 233 1211
DOD Department of Defence	Dr A. Taloni Assistant Secretary Defence Information Services Department of Defence Campbell Park Offices CANBERRA. ACT 2600 Telephone: (062) 66 2124
DOP Department of Productivity	Mr R.H. Rothwell Principal Librarian Department of Productivity Constitution Avenue CANBERRA. ACT 2600 Telephone: (062) 42 2530
ICI Australia Ltd.	Information Section, Research Department Newson Street ASCOT VALE. VIC 3032 Telephone: (03) 37 8881 or Research Department Beauchamp Road MATRAVILLE. NSW 2036 Telephone: (02) 666 6703 or Urgent Enquiries - Poisons Officers in State Sales Offices ICI Australia Ltd.

The following organisations noted in the 'Remarks' column of the Subject List have on-line access to the MEDLARS MEDLINE data base.

Librarian
Australian Department of Health
Central Library
WODEN. ACT 2606
Telephone: (062) 89 1555

Librarian
Australian National University
Life Sciences Library
CANBERRA. ACT 2601
Telephone: (062) 49 5111

Librarian
Monash University
Biomedical Library
CLAYTON. VIC 3168
Telephone: (03) 541 0811

Librarian
University of Adelaide
Medical Library
ADELAIDE. SA 5000
Telephone: (08) 223 4333

Librarian
University of Melbourne
Brownless Medical Library
PARKVILLE. VIC 3052
Telephone: (03) 345 1844

Librarian
University of New South Wales
Biomedical Library
KENSINGTON. NSW 2033
Telephone: (02) 663 0351

Librarian
University of Queensland
Biological Sciences Library
ST. LUCIA. QLD 4067
Telephone: (07) 370 0111

Librarian
University of Sydney
Medical Library
SYDNEY. NSW 2006
Telephone: (02) 692 1122

Librarian
University of Tasmania
Biomedical Library
HOBART. TAS 7000
Telephone: (002) 23 0561

Librarian
University of Western Australia
Medical Library of Western Australia
NEDLANDS. WA 6009
Telephone: (092) 80 3838

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AESIS P1

AESIS Quarterly P1

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Air Pollution Abstracts J1, R6

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British Library Association K3, R21

British National Bibliography K1, R5

CA Chemical Name Dictionary A5, B6, D5, J6

CA Condensates A3, B4, D3, J4

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CA Subject Index Alert A4, B5, D4, J5

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PTS International Statistics C19

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National Library of Australia
CANBERRA. ACT 2600

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B1	Animal behaviour
B2	Animal breeding
B3	Animal feeds
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B5	Blowflies
B6	Circadian rhythm
B7	Coral reefs
B8	Eucalypts
B9	Evolution
B10	Fish diseases
B11	Forestry and forest products
B12	Genetics - microorganisms
B13	Heavy metal pollution
B14	Marine mammals
B15	Marsupial biology
B16	Pest control
B17	Plant breeding
B18	Population genetics
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M12	Headaches and migraine
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M17	Reproductive endocrinology
M18	Suddent infant death syndrome
M19	Thyroid disorders
M20	Epilepsy
M21	Occupational health
M22	Allergies
M23	Venereal disease
M24	Preventive dentistry
M25	Public health dentistry
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M27	Dental materials and equipment
M28	Orthodontics
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M30	Household pets (veterinary aspects)
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R4 Solid state and fluid physics
R5 High energy physics
R6 Neutron and nuclear physics
R7 Ocean technology and engineering
R8 Natural resources
R9 Electrotechnology
R10 Civil and structural engineering
R11 Aeronautics and aerodynamics
R12 Astronomy and astrophysics
R13 Atmospheric sciences
R14 Biology
R15 Radiobiology
R16 Medicine
R17 Computers, control and information
R18 Detection and countermeasures
R19 Earth sciences
R20 Environmental pollution control
R21 Administration
R22 Materials sciences A Metals and alloys
R23 Materials sciences B Other materials
R24 Mathematical sciences
R25 Non-destructive testing, Photography and recording devices
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R27 Missile technology, navigation and control
R28 General nuclear science and technology
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S14 Insulating materials
S15 Lasers
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S17 Noise pollution and control
S18 Novel sources of protein
S19 Polymers - fibres and films
S20 Powder metallurgy
S21 Protective coatings
S22 Rubber
S23 Ultrasonics
S24 Waste treatment
S25 Water pollution

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T7 Packaging
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T9 Integrated circuits
T10 Welding, bonding, riveting

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SS4 Agricultural economics
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SS6 Employment and unemployment
SS7 Energy and resources
SS8 Industrial relations
SS9 Inflation
SS11 Marketing
SS12 Productivity and efficiency

Education

ER1 Academic achievement
ER2 Alternative education
ER3 Behavioural studies
ER4 Career education
ER5 Cognitive studies
ER6 Community involvement in education
ER7 Computers and education
ER8 Continuing education
ER9 Curriculum studies
ER10 Day care
ER11 Early childhood education
ER12 Educational administration and planning
ER13 Educational facilities
ER14 Educational philosophy and theory
ER15 Education psychology
ER16 Educational technology
ER17 Exceptional children
ER18 Language and linguistics
ER19 Learning difficulties
ER20 Libraries and information services
ER21 Migrant education
ER22 Physical education
ER23 Reading studies
ER24 Student evaluation
ER25 Teacher education
ER26 Teacher evaluation
ER27 Teaching methods

Labour and industrial relations

SS6 Employment and unemployment
SS8 Industrial relations
SS12 Productivity and efficiency
SS13 Quality of working life

Management and public administration

SS3 Accounting
SS6 Employment and unemployment
SS10 Management
SS14 Organisational development
SS12 Productivity and efficiency
SS13 Quality of working life

Psychology

ER3 Behavioural studies
ER5 Cognitive studies
ER15 Educational psychology

Social welfare

SS15 Housing
SS16 Leisure and recreation
ER28 Social welfare

Sociology

SS17 Future studies and forecasting
SS18 Violence and Terrorism

Urban and regional planning

SS19 Environmental issues
SS15 Housing
SS20 Urban studies

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